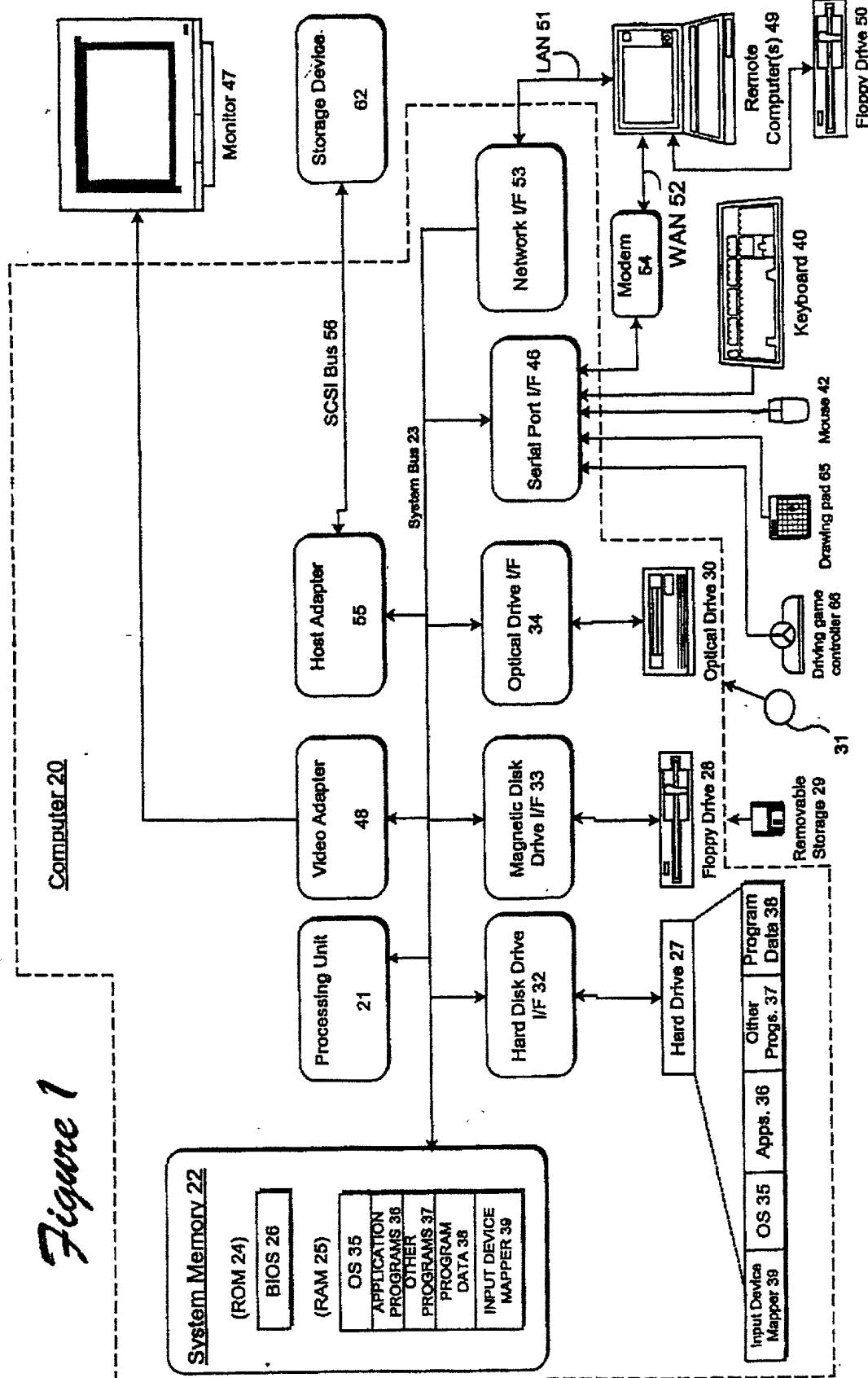


Figure 1

Computer 20



Application No. 09/855,274

Title: APPLICATION PROGRAMMING INTERFACE THAT MAPS INPUT DEVICE CONTROLS TO SOFTWARE ACTIONS
Inventors: Evans et al.
INVENTION PROGRAMMING INTERFACE THAT MAPS INPUT DEVICE CONTROLS TO SOFTWARE ACTIONS

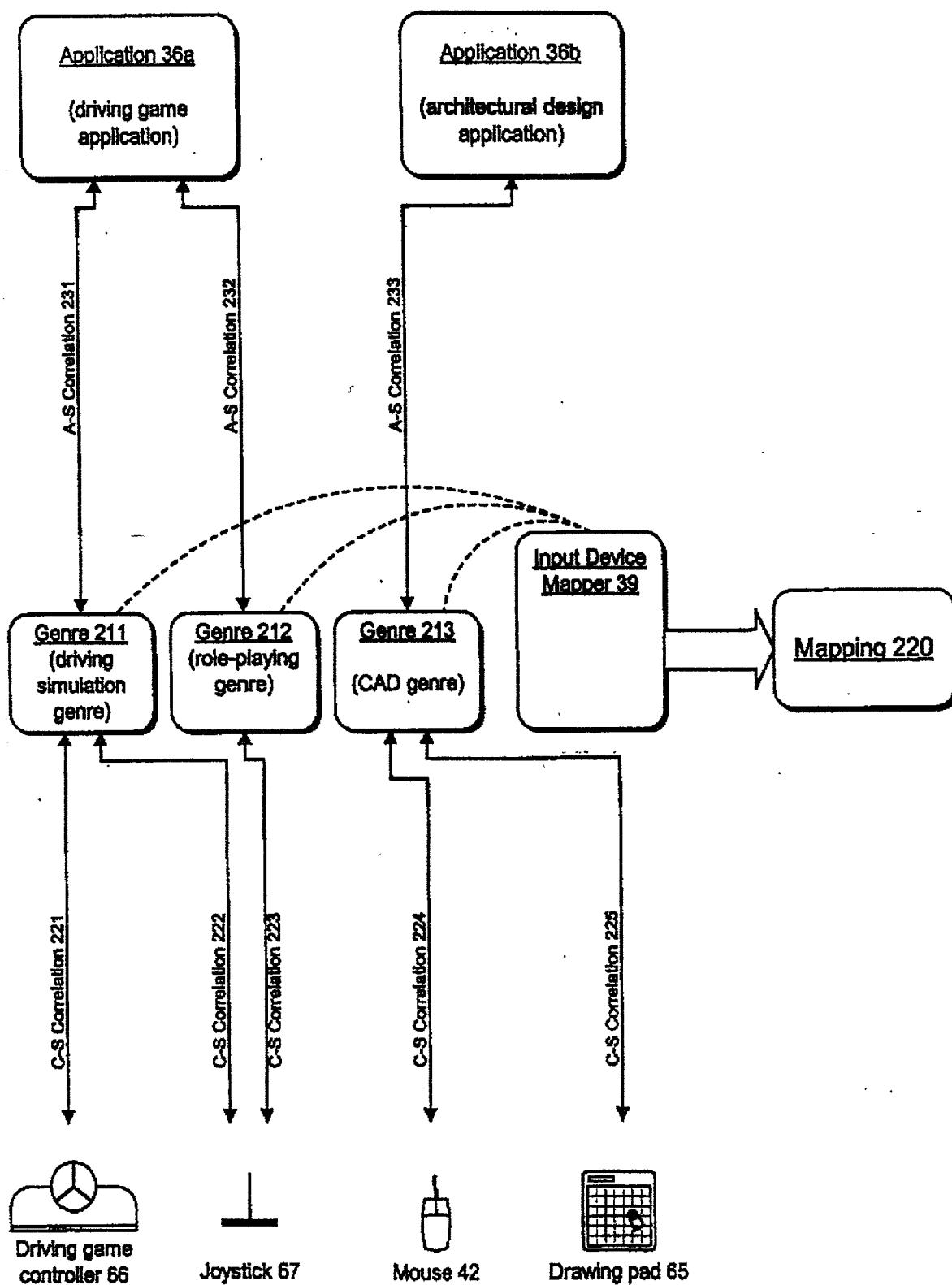


Figure 2

Figure 3

C-S Correlation 221

CONTROL ON DEVICE 86	SEMANTIC
Trigger 1	FIRE
Button 1	SHIFT UP
Steering Wheel	STEER
Right Pedal	ACCELERATE
Left Pedal	DECELERATE
Button 2	TALK
Vibrate	RUMBLE

302

301

A-S Correlation 231

ACTION IN APPLICATION 36a	SEMANTIC
turn left or right	STEER
speed up	ACCELERATE
slow down	DECCELERATE
change to next higher gear	SHIFT UP
fire machine guns	FIRE
change dash display	DASHBOARD
feedback	RUMBLE

401

402

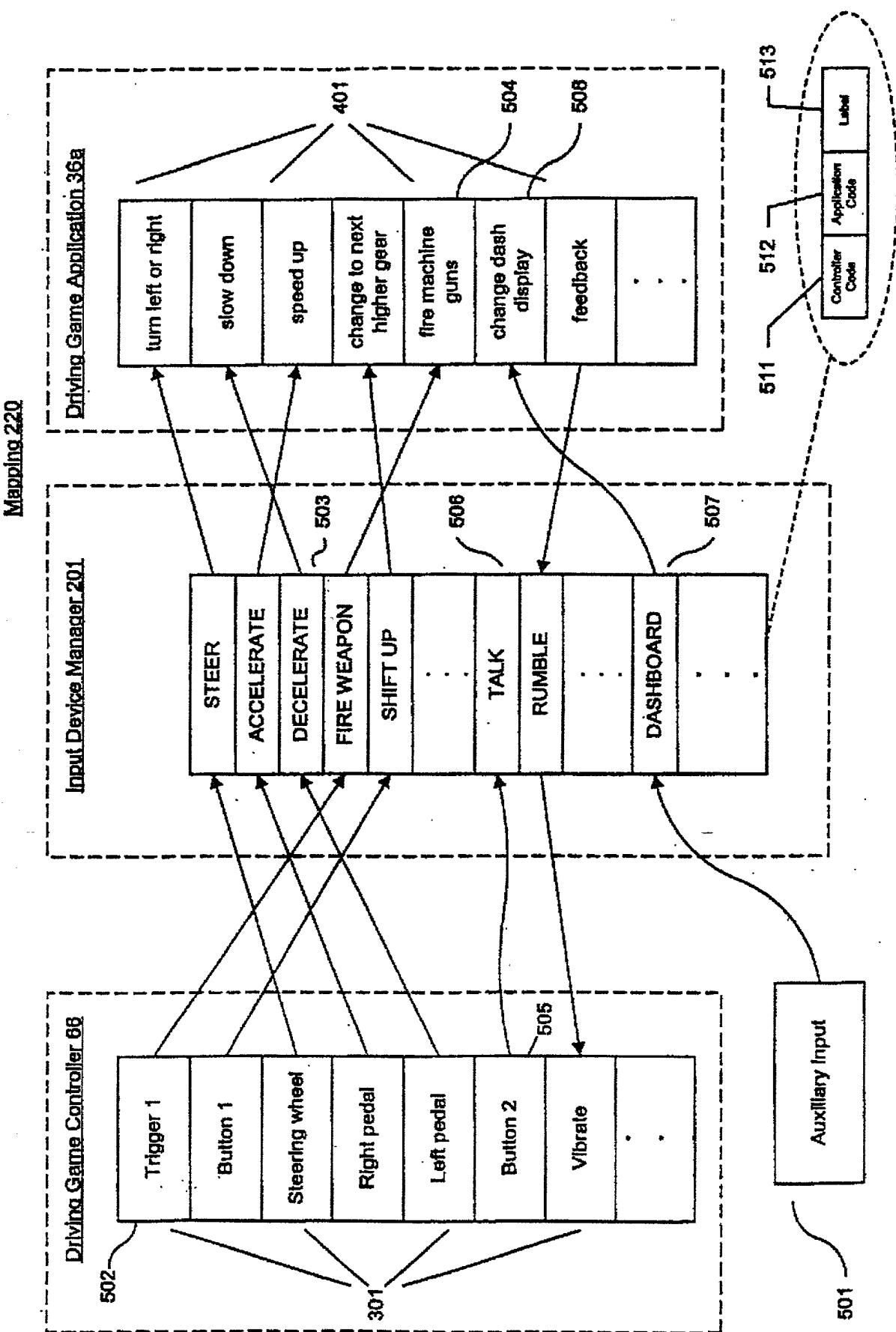
Figure 4

Application No. 09/855,274

SOFTWARE ACTIONS

THAT MAPS INPUT DEVICE CONTROLS TO
APPLICATION PROGRAMMING INTERFACE
INVENTORS: Evans et al.

Figure 5



Invencos et al.
Title: APPLICATION PROGRAMMING INTERFACE
THAT MAPS INPUT DEVICE CONTROLS TO
SOFTWARE ACTIONS
Application No. 09/855,274

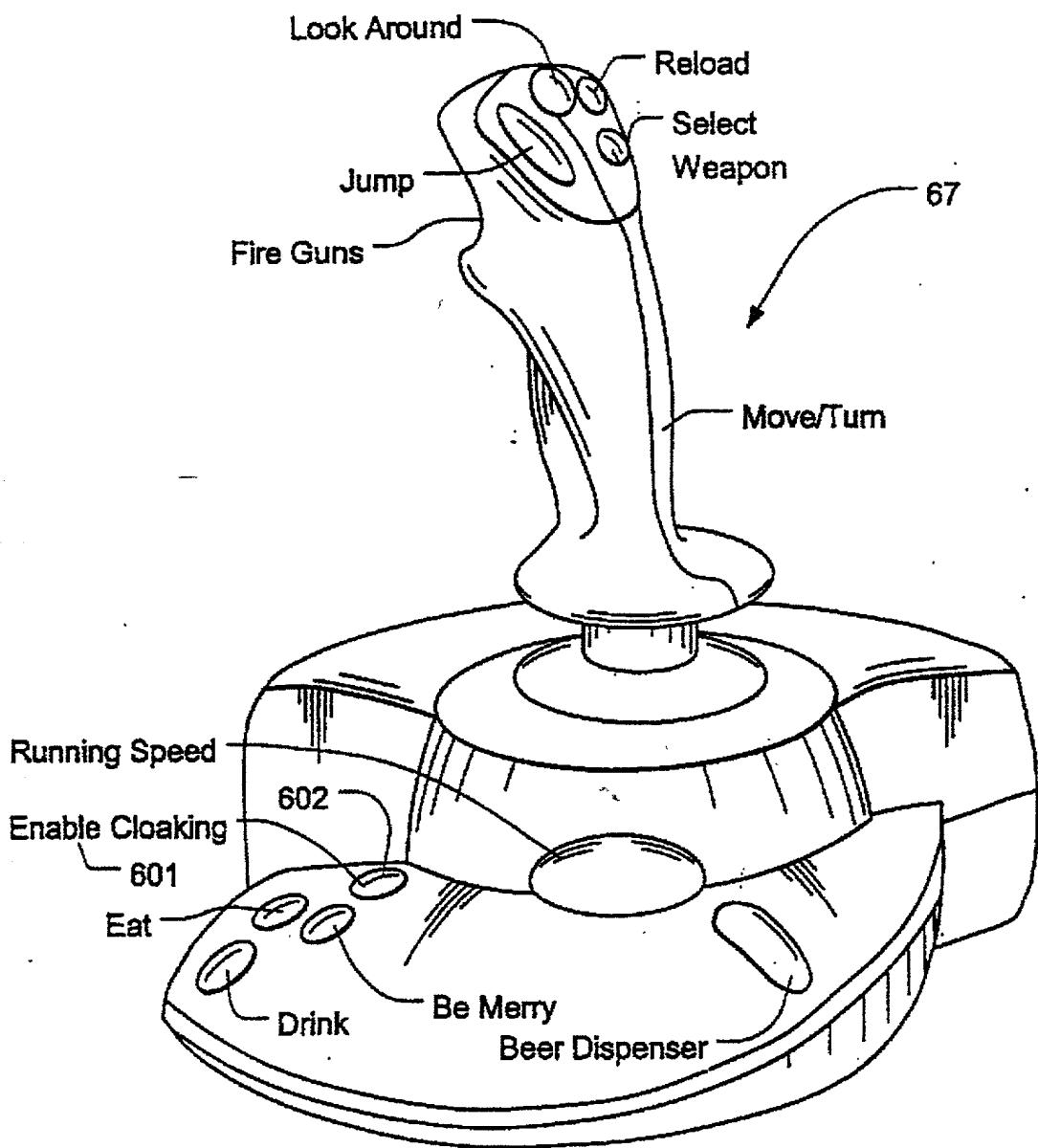
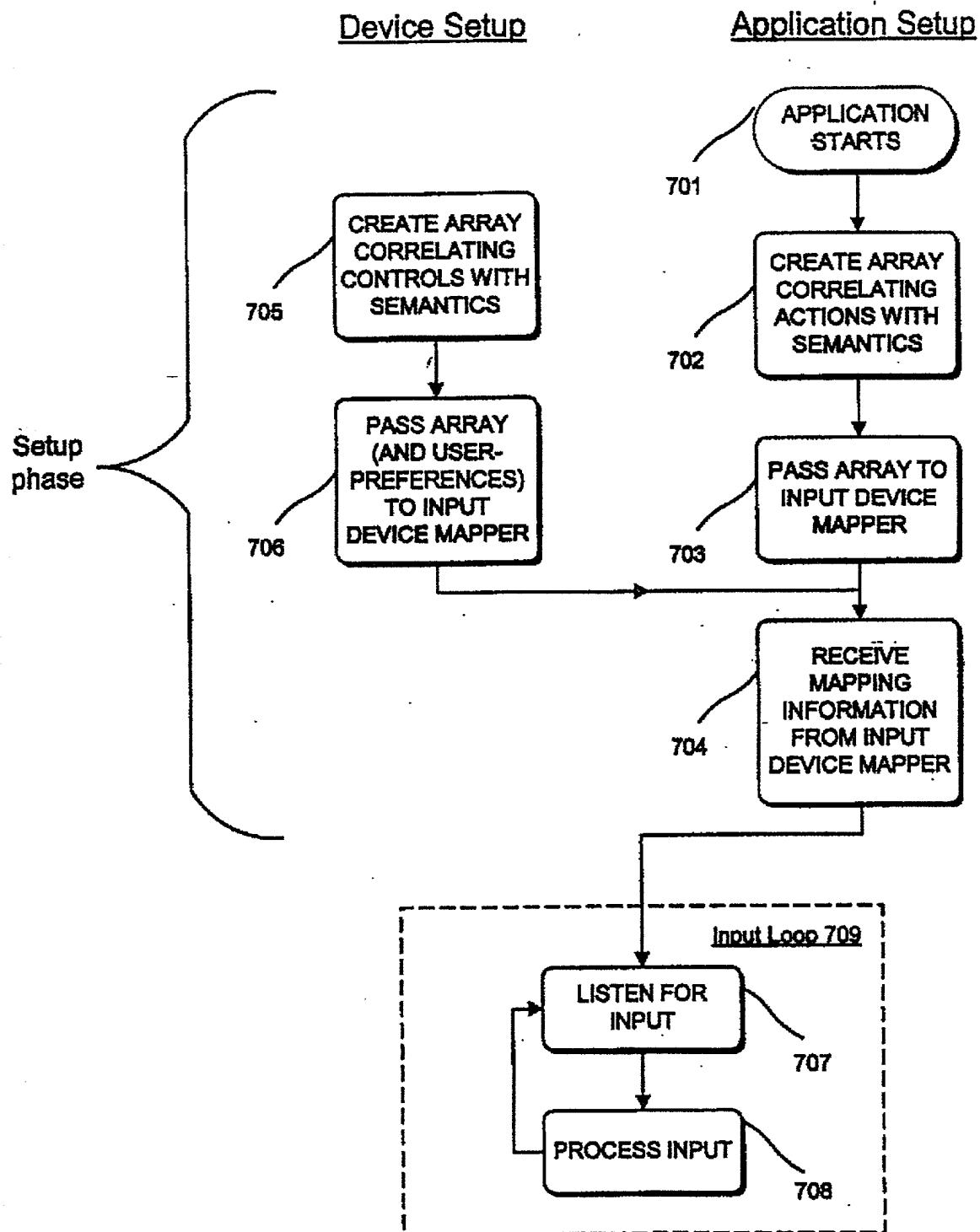


Figure 6

Figure 7



Inventors: Evans et al.
Title: APPLICATION PROGRAMMING INTERFACE
THAT MAPS INPUT DEVICE CONTROLS TO
SOFTWARE ACTIONS
Application No. 09/855,274

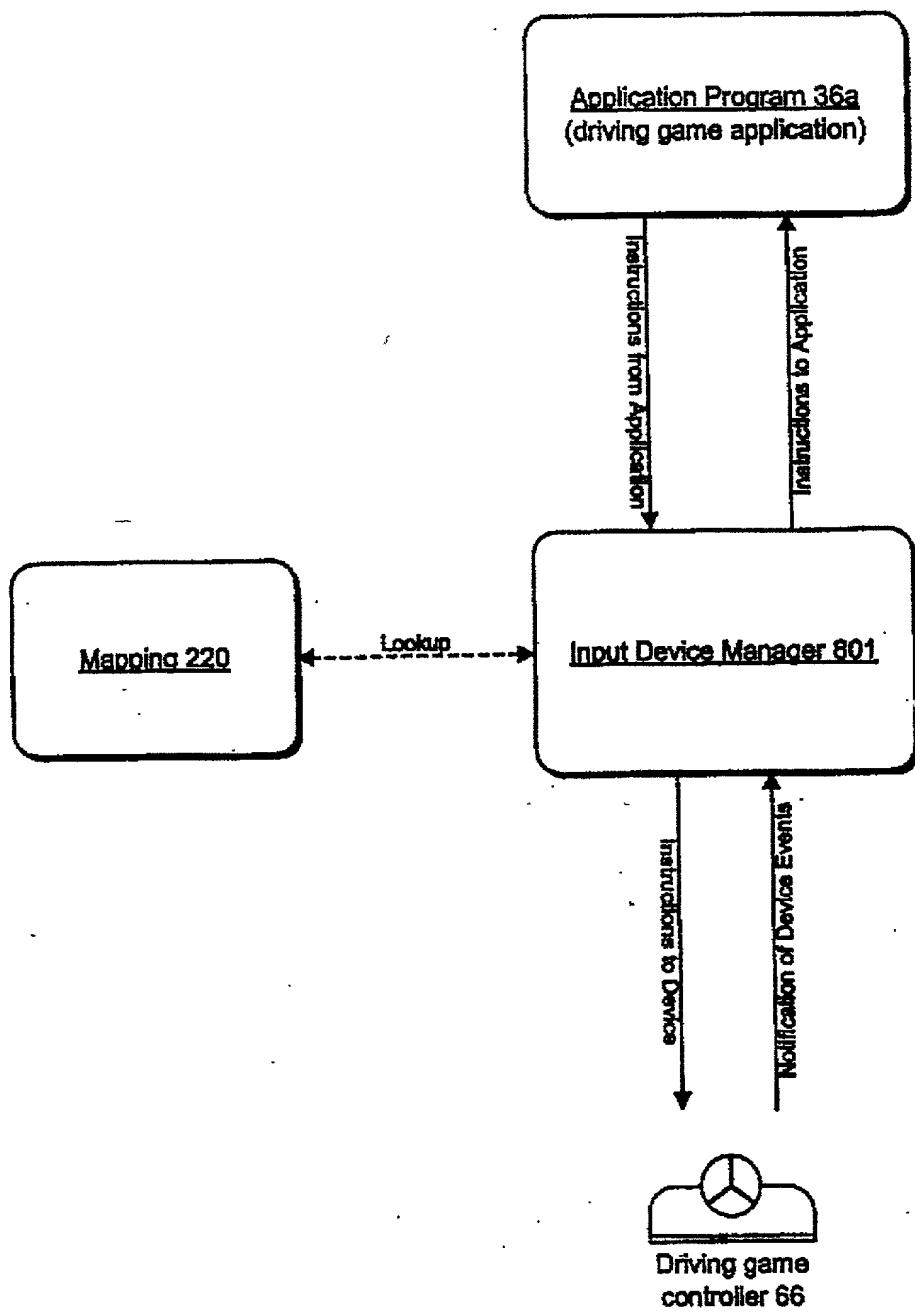


Figure 8

Figure 9

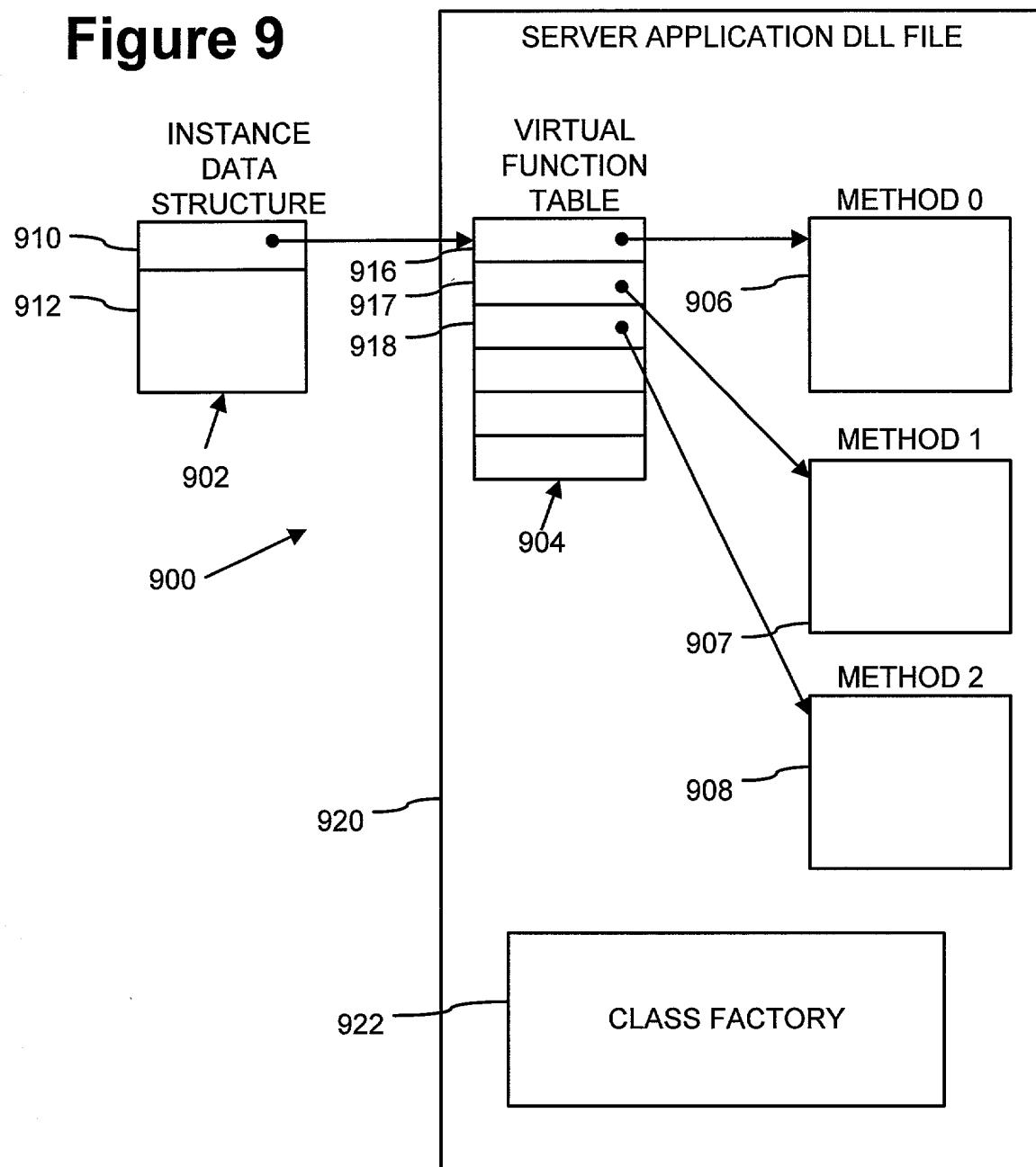
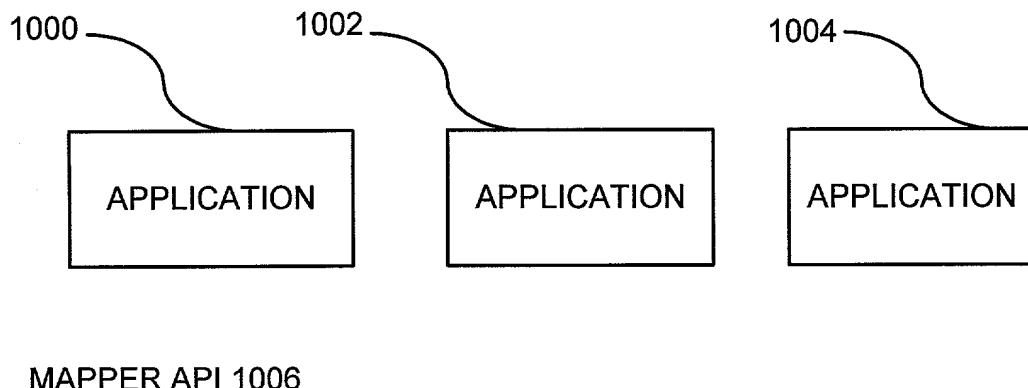


Figure 10



MAPPER API 1006

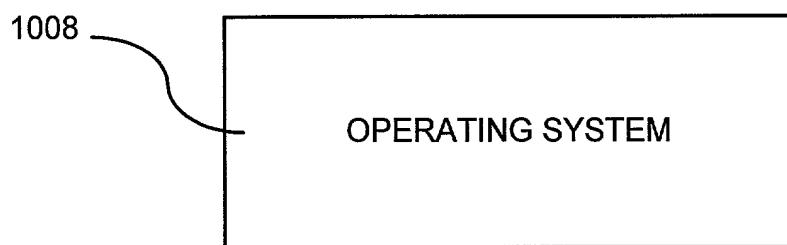


Figure 11

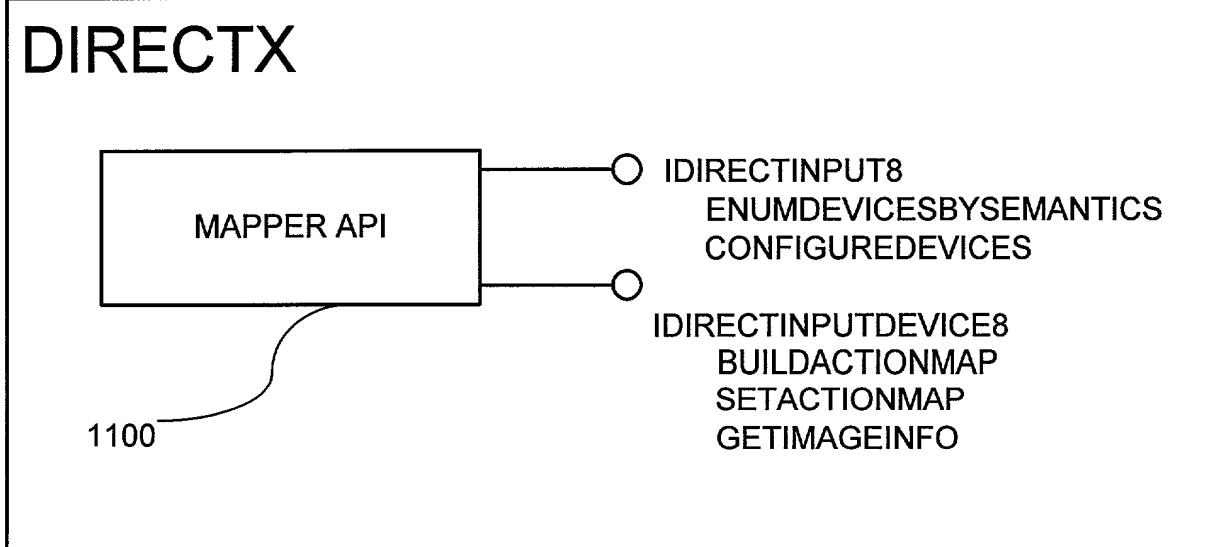


Figure 12

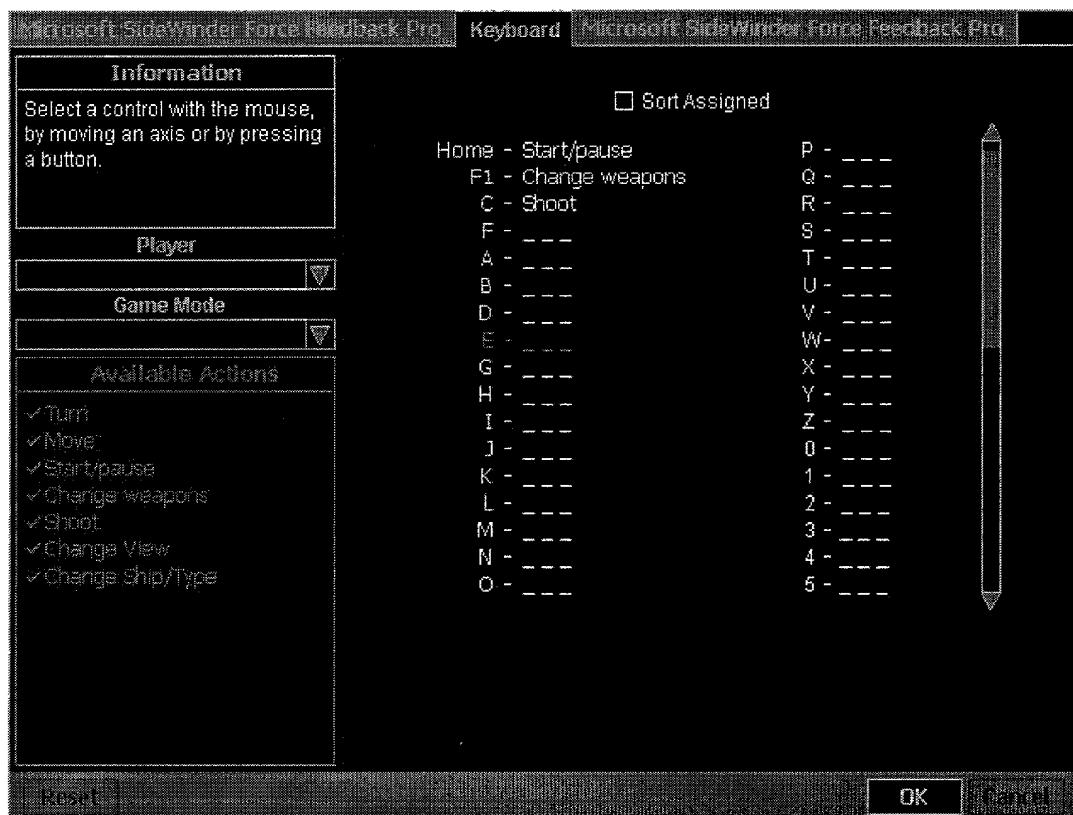
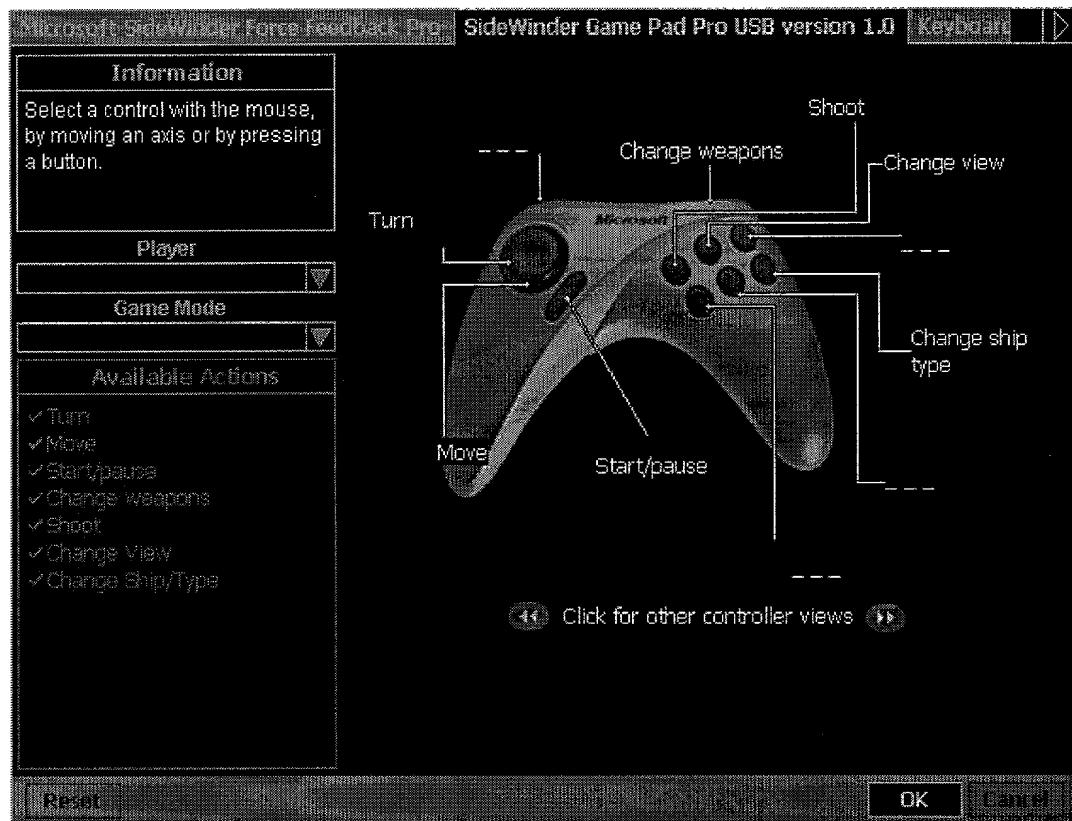


Figure 13

ENUMDEVICESBYSEMANTICS

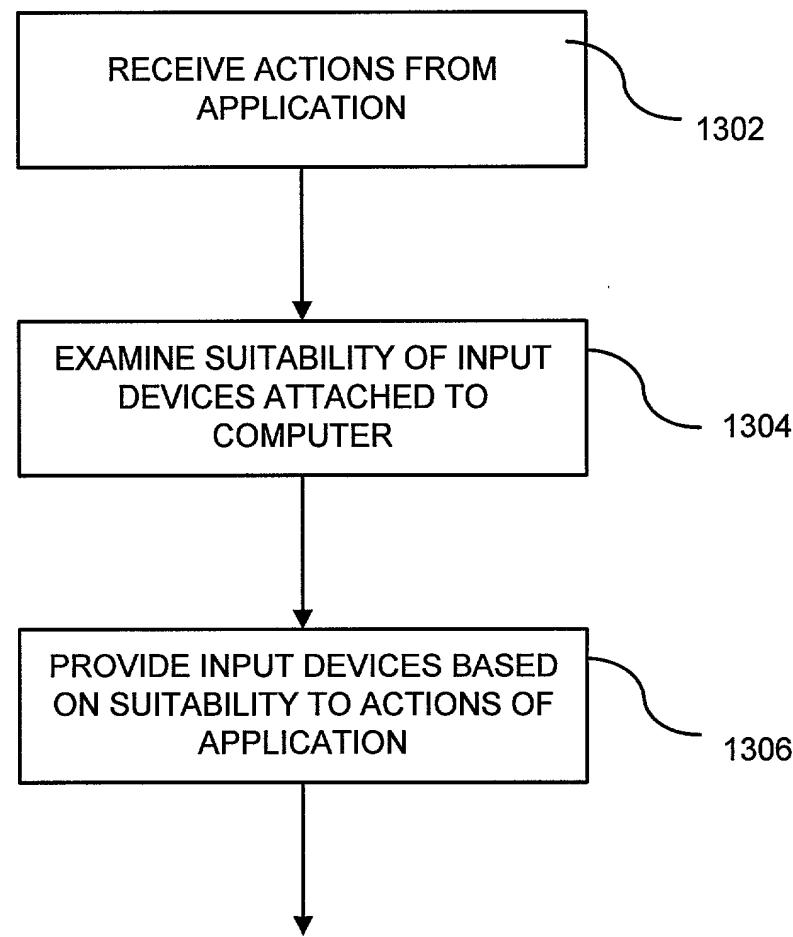


Figure 14

CONFIGDEVICES

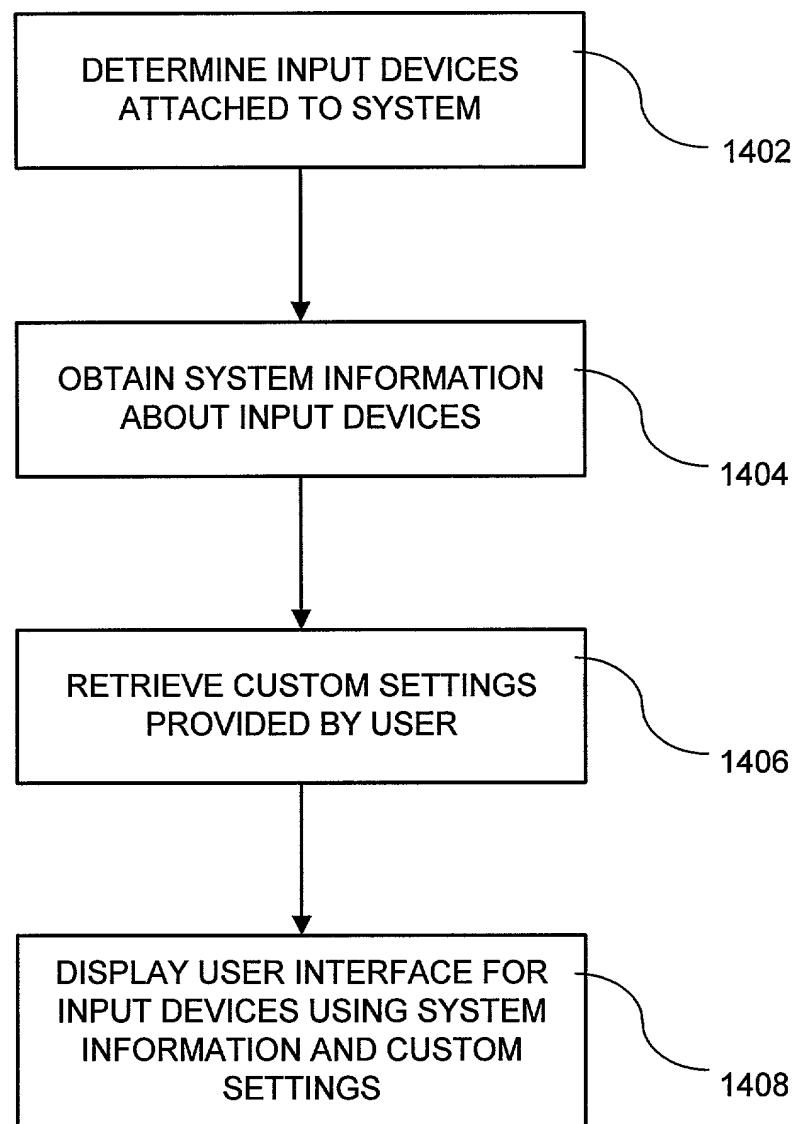


Figure 15

BUILDACTIONMAP

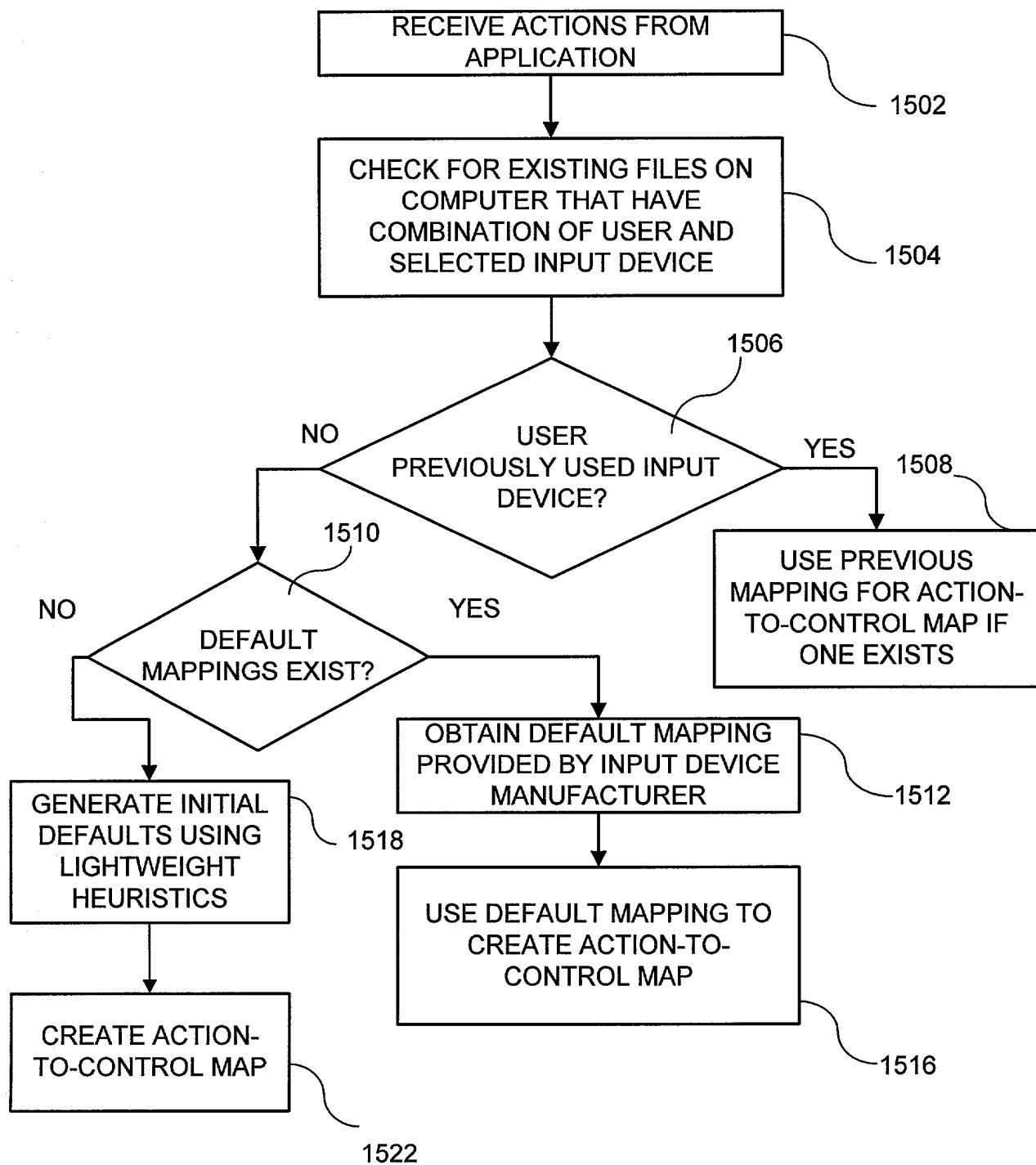
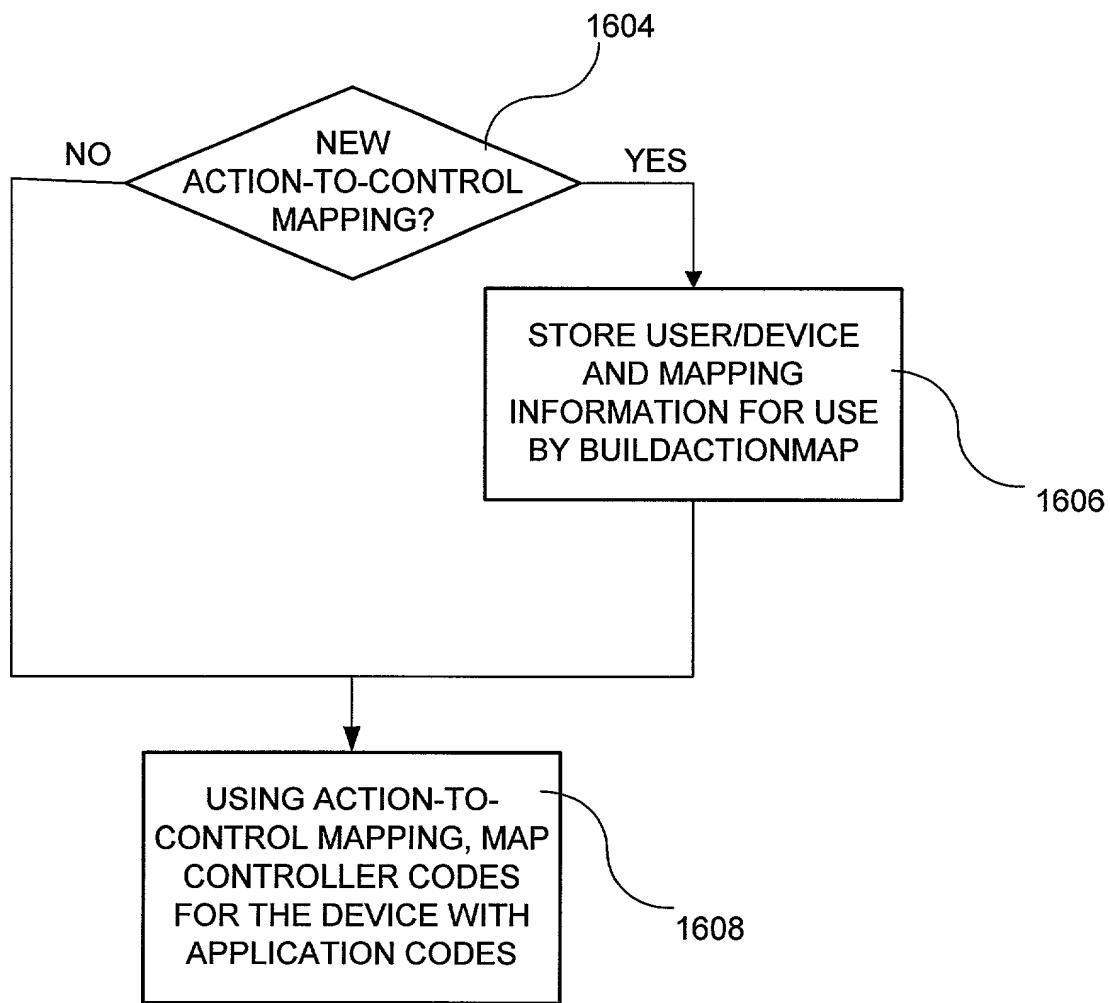


Figure 16

SETACTIONMAP



Inventors: Evans et al.

Title: APPLICATION PROGRAMMING INTERFACE
THAT MAPS INPUT DEVICE CONTROLS TO
SOFTWARE ACTIONS
Application No. 09/855,274

Figure 17

GETIMAGEINFO

